

Reference Material Certificate

Produced in general accordance with the principles of ISO 17034:2016 and ISO 33405:2024 (previously ISO Guide 35).



Product Information

Product	Description	Batch
88505-0	Cyclohexane	2409053001

Intended use

IP PM-FC/21

Details

Parameter 1	
Date of measurement	2024/09/03
Relative permittivity (Dimensionless)	2.024
Uncertainty, k=2	0.0024
Temperature (°C)	20.0
Traceability	The certified value was determined by measuring the capacitance of a dielectric cell filled with the cyclohexane under test following ASTM D924 IP 638
Parameter 2	
Date of measurement	2024/09/03
Density (kg/m ³)	778.7
Uncertainty, k=2	0.011
Temperature (°C)	20.0
Traceability	The certified value was determined by measuring the density following ASTM D7042
Sample size	500 mL
Validity	24 months from date of measurement.
Storage	Store in a cool place away from direct sunlight.
Instructions for handling and use	It is the responsibility of the user of this verification material to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Consult test methods for correct use.
Description of material	Cyclohexane ≥ 99.8%
Health and Safety Information	Wear appropriate PPE. Consult SDS for further information.
Signatory	  Duncan Black
Signatory function	Head of QA & Compliance